

S/N 10/649,444

Response to Final Rejection dated: 12/17/2004

DOCKET: CM06299J

IN THE CLAIMS:

1. – 6. (CANCEL)

7. (previously presented) An interface assembly for a communication device, the interface assembly comprising:

a communication device connector;

an accessory connector for mating with the communication device connector, the accessory connector comprising:

a supply pin;

a detect pin;

a ground pin;

the supply pin and the ground pin connecting to the communication device connector prior to the detect pin connecting to the communication device connector when the accessory connector is mated with the communication device connector, and the supply pin and the ground pin disconnecting from the communication device connector after the detect pin disconnects from the communication device connector when the accessory connector is removed from the communication device connector, the disconnection of the detect pin causing power to turn off at the supply pin prior to disconnection of the supply pin thereby preventing sparking.

8. (original) The interface assembly of claim 7, wherein the communication device comprises logic circuitry that senses attachment and detachment of the accessory connector to the communication device connector through the detect pin.

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9. (original) The interface assembly of claim 8, wherein the communication device comprises a radio.

10. (previously canceled)

11. (previously presented) The interface assembly of claim 7, wherein the communication device comprises logic circuitry for detecting the presence of the detect pin.

12. (previously canceled)

13. (previously presented) A connector for interfacing to a communication device, the connector comprising:
a plurality of contacts formed of pogo pins;
the plurality of contacts, including power contacts and at least one other contact; and
the power contacts having a first predetermined length of accommodation and the at least one other contact having a second predetermined length of accommodation shorter than the first; and
the at least one other contact serially detaching from a corresponding mating contact on the communication device prior to the detachment of the power contacts, the detachment of the at least one other contact causing power to turn off at the plurality of power contacts prior to detachment of the plurality of power contacts from the communication device thereby preventing sparking.

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14. (original) The connector of claim 13, wherein the at least one other contact is used to provide attach/detach detection for the connector.

15. (original) The connector of claim 13, wherein the power contacts accommodate sources from the communication device capable of generating a spark.